

Typical Performance Data

FREQ.	INSERTION LOSS			INPUT RETURN LOSS			OUTPUT RETURN LOSS		
(MHz)	(dB)			(dB)			(dB)		
	@-55°C	@+25°C	@+125°C	@-55°C	@+25°C	@+125°C	@-55°C	@+25°C	@+125°C
10	0.05	0.08	0.10	44.28	39.93	37.56	45.09	40.43	38.03
100	0.09	0.15	0.19	34.33	32.20	30.70	34.93	32.39	30.89
200	0.14	0.20	0.25	29.33	28.84	27.68	29.54	28.75	27.70
250	0.15	0.23	0.28	27.91	27.84	26.81	27.96	27.62	26.71
300	0.17	0.25	0.30	26.87	26.99	26.08	26.63	26.58	25.78
350	0.18	0.27	0.33	26.11	26.30	25.47	25.81	25.83	25.06
400	0.20	0.28	0.35	25.66	25.77	25.01	25.17	25.16	24.40
500	0.22	0.32	0.38	24.82	24.92	24.36	24.06	24.12	23.40
550	0.23	0.33	0.40	24.45	24.60	24.20	23.54	23.70	23.07
600	0.24	0.34	0.41	24.11	24.33	24.06	23.11	23.36	22.80
650	0.25	0.36	0.43	23.83	24.07	23.95	22.79	23.07	22.64
700	0.26	0.37	0.44	23.57	23.83	23.84	22.53	22.81	22.51
750	0.27	0.38	0.45	23.33	23.61	23.70	22.36	22.58	22.38
800	0.28	0.39	0.47	23.12	23.43	23.61	22.21	22.39	22.30
850	0.29	0.40	0.48	22.91	23.27	23.48	22.03	22.20	22.18
1000	0.31	0.43	0.51	22.20	22.77	23.09	21.47	21.74	21.85
1200	0.34	0.47	0.56	21.61	22.07	22.55	21.01	21.26	21.46
1500	0.39	0.53	0.62	20.70	21.13	21.65	20.55	20.86	21.28
2000	0.47	0.62	0.72	19.53	19.71	20.06	20.75	21.01	21.70
2500	0.55	0.72	0.83	18.89	19.02	19.34	21.28	21.70	22.68
3000	0.63	0.82	0.94	19.52	19.91	20.27	22.39	23.19	24.48
3500	0.71	0.92	1.05	22.62	23.10	23.27	24.33	25.15	25.71
4000	0.82	1.06	1.21	23.95	23.17	22.35	24.10	23.73	22.99
5000	1.31	1.61	1.82	17.92	19.11	20.99	17.92	18.94	20.32
5100	1.37	1.68	1.90	19.03	20.87	23.99	18.48	19.83	21.66
5200	1.42	1.75	2.00	21.12	24.14	30.72	19.52	21.22	23.39
5300	1.48	1.83	2.12	25.06	31.58	35.62	21.02	22.88	24.32
5400	1.57	1.95	2.29	32.45	30.48	23.37	22.51	23.32	22.45
5500	1.69	2.12	2.52	25.92	21.44	17.90	22.02	20.95	19.16
5700	2.12	2.69	3.25	14.91	13.32	11.87	15.93	15.04	14.26
5750	2.28	2.89	3.49	13.35	12.06	10.86	14.62	14.00	13.55
5800	2.46	3.11	3.77	12.02	10.97	9.98	13.50	13.16	13.06
5890	2.85	3.59	4.37	10.10	9.38	8.63	11.97	12.17	12.83
6000	3.45	4.34	5.42	8.33	7.84	7.13	10.98	11.99	13.74
6470	13.11	17.12	21.61	2.35	2.25	2.19	5.58	4.87	4.28
6600	19.29	23.78	28.74	1.73	1.85	1.91	3.65	3.53	3.32
6650	21.86	26.51	31.71	1.60	1.76	1.84	3.21	3.20	3.07
7000	44.30	49.47	48.52	1.21	1.44	1.55	1.82	2.07	2.10
7200	48.52	47.21	46.88	1.11	1.34	1.45	1.50	1.77	1.81
7500	46.93	48.00	49.29	0.99	1.22	1.32	1.19	1.45	1.50
7600	47.67	49.10	50.75	0.95	1.18	1.29	1.11	1.37	1.42
8000	52.91	55.33	57.92	0.83	1.06	1.15	0.91	1.14	1.19
8300	57.50	60.26	63.33	0.75	0.97	1.07	0.80	1.03	1.07
8400	58.75	61.53	64.39	0.72	0.95	1.04	0.77	0.99	1.04
8500	59.82	62.43	64.93	0.70	0.93	1.02	0.74	0.97	1.01
9000	59.50	60.13	60.06	0.62	0.84	0.94	0.65	0.87	0.92
9500	54.93	54.80	54.22	0.57	0.78	0.89	0.63	0.85	0.90
9600	53.96	53.84	53.30	0.56	0.77	0.88	0.63	0.85	0.90
9800	52.25	52.16	51.59	0.56	0.76	0.88	0.63	0.85	0.89
11000	45.21	45.12	44.84	0.59	0.81	0.94	0.68	0.92	0.95
13000	39.41	39.44	39.36	0.76	1.02	1.13	0.67	0.98	1.00
14000	37.96	38.16	38.14	0.76	1.04	1.15	0.62	0.95	0.98
15000	37.13	37.48	37.47	0.69	0.99	1.11	0.57	0.89	0.95
15400	36.87	37.25	37.24	0.65	0.96	1.09	0.54	0.86	0.93
15700	36.72	37.10	37.10	0.63	0.94	1.07	0.51	0.82	0.91
16000	36.58	36.96	36.96	0.60	0.92	1.05	0.52	0.83	0.93
17000	36.33	36.83	37.04	0.55	0.86	1.01	0.49	0.82	0.96
18000	39.10	41.25	35.41	0.59	0.89	1.08	0.61	1.09	1.76
20000	30.92	31.27	31.54	0.72	1.08	1.25	0.67	1.04	1.09
26500	19.98	20.20	20.40	1.12	1.68	2.46	0.76	1.24	1.36

Typical Performance Data

FREQ.	GROUP DELAY		
(MHz)	(nsec)		
	@-55°C	@+25°C	@+125°C
10	0.27	0.29	0.29
50	0.26	0.27	0.28
100	0.26	0.27	0.28
200	0.26	0.27	0.27
300	0.26	0.26	0.26
400	0.26	0.26	0.26
500	0.25	0.26	0.26
600	0.25	0.26	0.26
700	0.25	0.26	0.26
800	0.25	0.26	0.26
900	0.25	0.26	0.26
1000	0.26	0.26	0.26
1100	0.26	0.26	0.26
1200	0.26	0.26	0.26
1300	0.26	0.26	0.26
1400	0.26	0.26	0.26
1500	0.26	0.26	0.26
1600	0.26	0.26	0.26
1700	0.26	0.26	0.27
1800	0.26	0.26	0.27
1900	0.26	0.26	0.27
2000	0.26	0.27	0.27
2100	0.27	0.27	0.27
2200	0.27	0.27	0.27
2300	0.27	0.27	0.27
2400	0.27	0.27	0.27
2500	0.27	0.27	0.28
2600	0.27	0.28	0.28
2700	0.27	0.28	0.28
2800	0.28	0.28	0.28
2900	0.28	0.28	0.29
3000	0.28	0.28	0.29
3100	0.28	0.29	0.29
3200	0.29	0.29	0.29
4000	0.32	0.32	0.33
4100	0.32	0.33	0.33
4200	0.33	0.33	0.34
4500	0.35	0.35	0.36
4800	0.37	0.38	0.39
4900	0.38	0.38	0.40
5000	0.38	0.39	0.41